

ENERGY & FACILITY RENEWAL SOLUTIONS CROTON-HARMON UFSD

TERENCE GUIRY
SENIOR BUSINESS CONSULTANT

August 6, 2026

Honeywell



INTRODUCTION

Terence Guiry

- Senior Business Consultant, Honeywell Energy Services Group
- Leading NYS Public K-12 Team
- 39 Years In The Energy Conservation & Building Automation Industry
- BS Electrical Engineering, Rensselaer Polytechnic Institute



PROGRAM OVERVIEW

Total Price

- \$3,175,000

One Time Federal Solar Investment Tax Credit (ITC)

- \$981,070

On-Going Annual Savings

- \$127,530 / year

On-Going Annual NYS Building Aid Estimate (15 years)

- \$87,862 / year

Self-Funding Program

- District finances the work up-front through a tax-exempt lease
- The annual debt on that lease is then offset each year by the Federal ITC, the annual savings, and the annual NYS building aid (all referenced above) thus producing a self-funding program

ECMs (Energy Conservation Measures)

- Two (2) measures – Solar PV systems, Unit Ventilator Replacements



PROGRAM OVERVIEW

Solar PV Systems

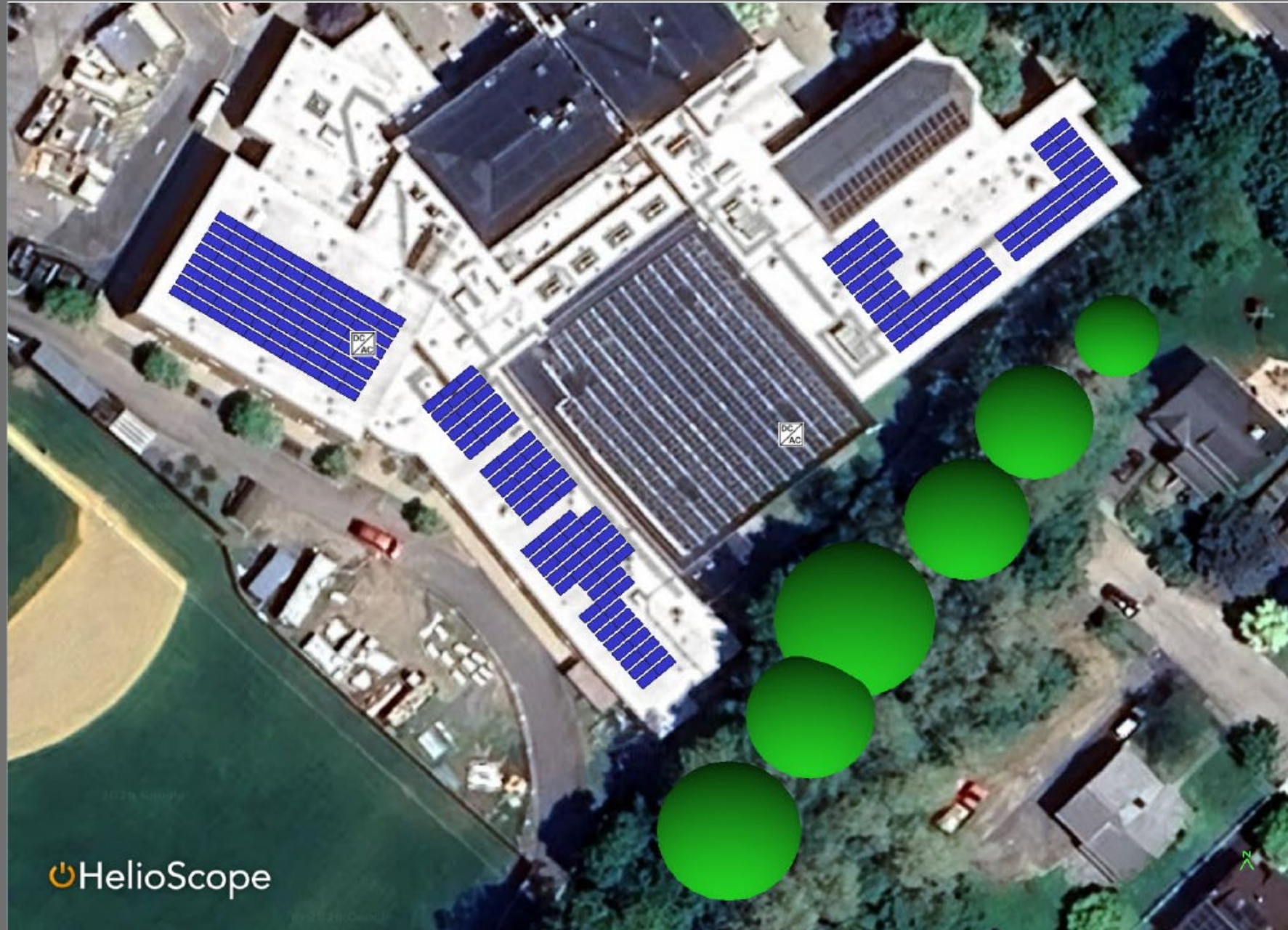
- Total new system size of 509.57 kW
 - ✓ Carport canopy systems – HS (135.3 kW) and PVC MS (118.8 kW)
 - ✓ Roof mounted systems – HS (129.21 kW), PVC MS (83.78 kW), and CET ES (42.48 kW)
- Connect to existing roof mounted systems (HS – 104.8 kW, PVC MS – 30.4 kW, and CET ES – 227.92 kW) and move everything to in front of the meter (direct to the utility)
- Compensated now on the NYS VDER tariff – greater economic return versus your current behind the meter installation

Unit Ventilator Replacements

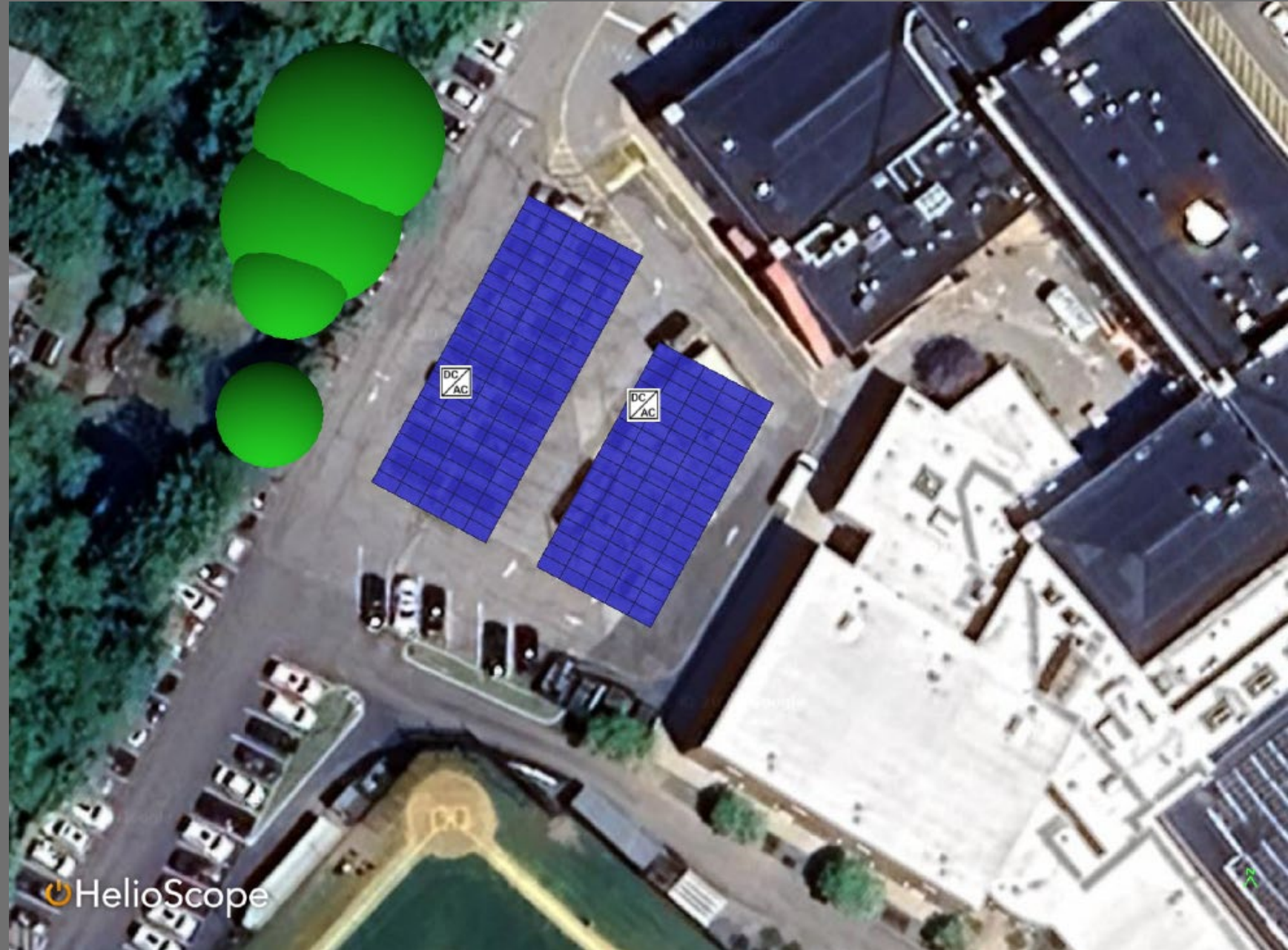
- Replace four (4) existing classroom unit ventilators at PVC MS – 4th floor, rooms 407, 408, 409, & 415
- New units shall now include DX cooling
- New units shall be connected to the District-wide building automation system to allow for remote monitoring and control



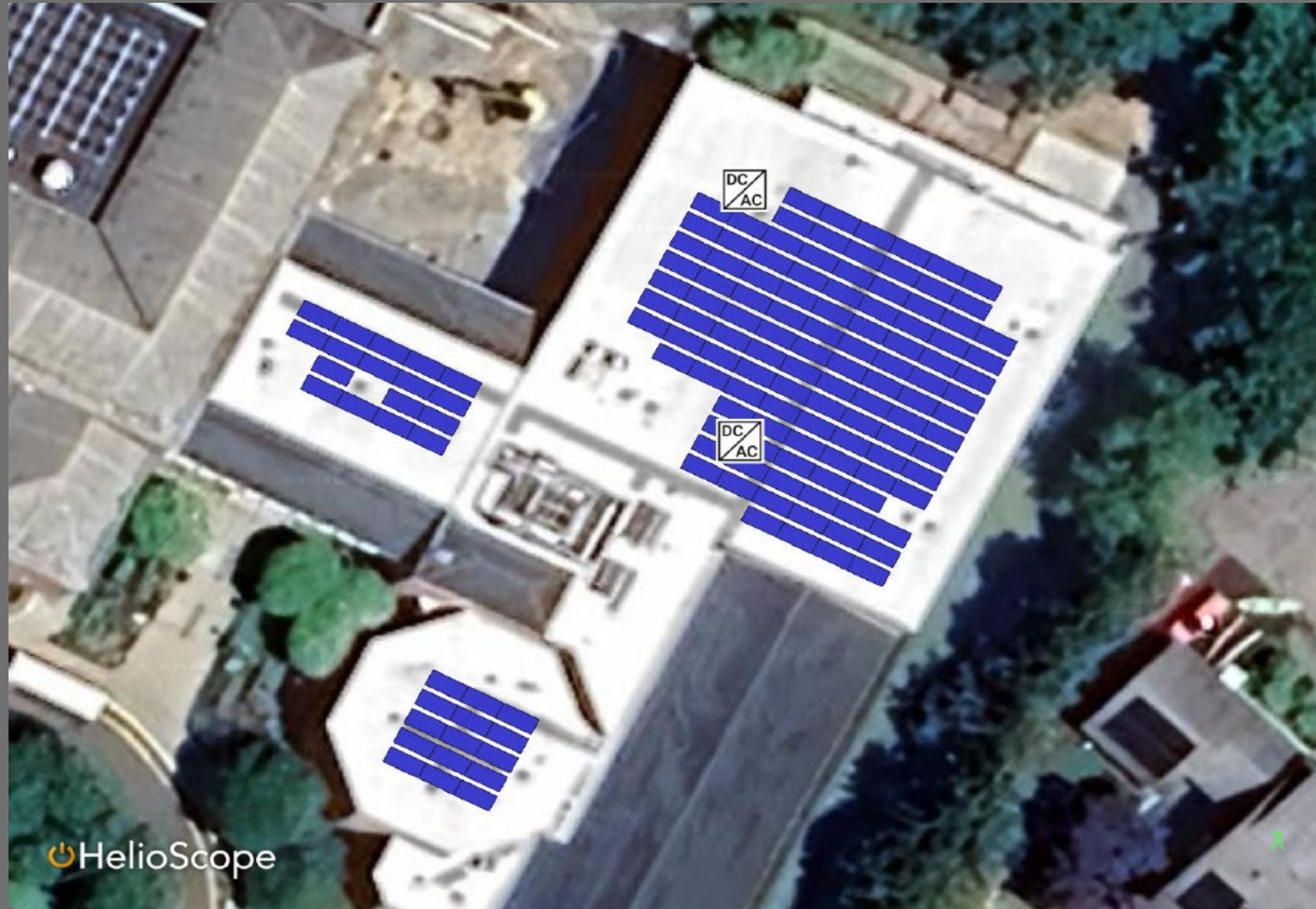
SOLAR PV - HIGH SCHOOL 129.21 KW



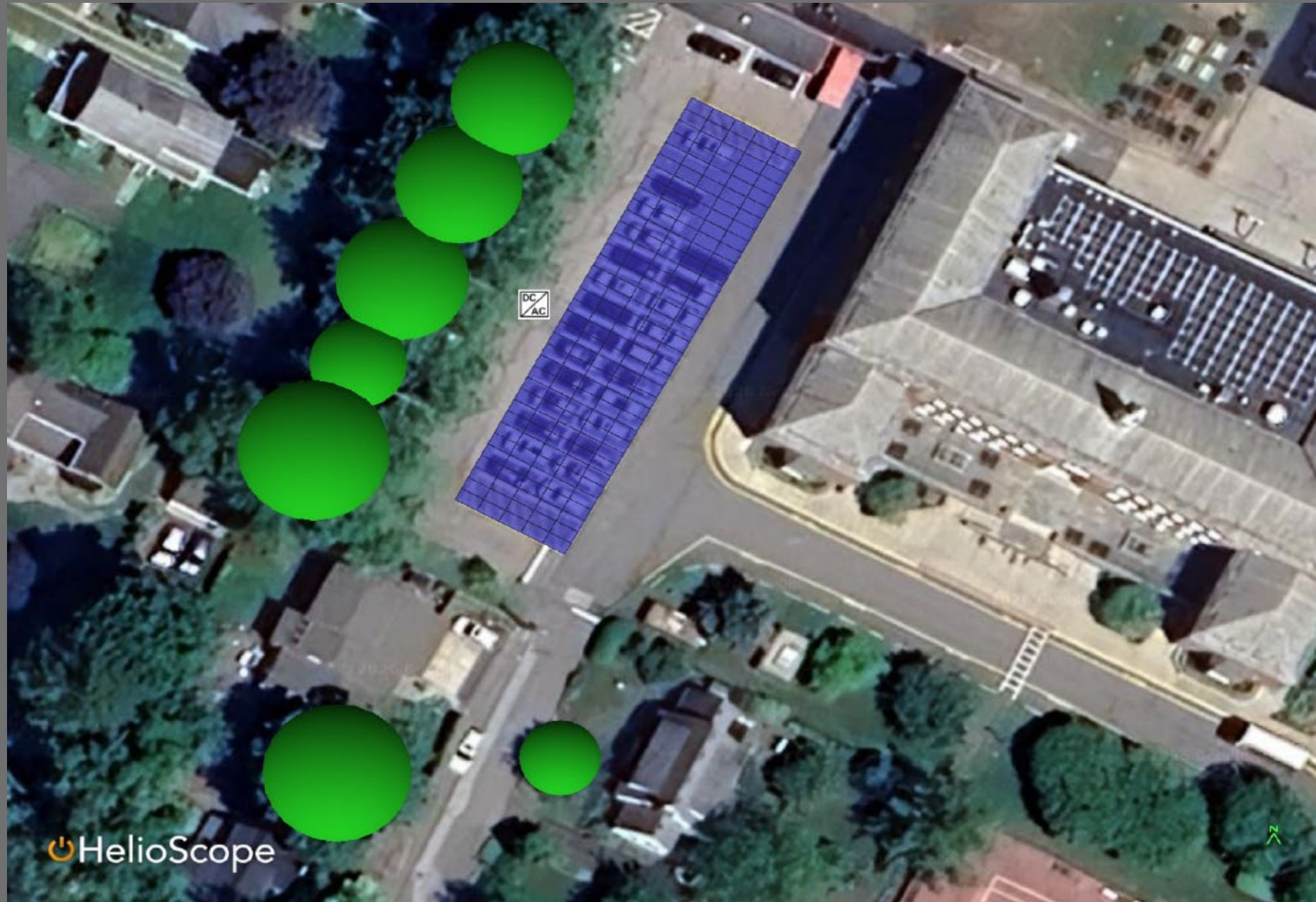
SOLAR PV - HIGH SCHOOL 135.30 KW



**SOLAR PV -
PVC MS
83.78 KW**



**SOLAR PV -
PVC MS
118.80 KW**



SOLAR PV - CET ES 42.48 KW



TIMELINE

- Complete CEA (comprehensive energy audit) & submit contract to the District for review and approval – **08/04/2026**
- BOE presentation – review scope, economics, & timeline – **08/06/2026**
- BOE approval and execution of the EPC – **08/20/2026**
- Utility (Con Edison) solar PV interconnect submission – **09/01/2026**
- NYSED submission – **09/18/2026**
- NYSED approval – **11/06/2026**
- District closes on tax exempt financing and Honeywell begins installation – **12/24/2026**
- Honeywell completes installation – **12/31/2027**
- Commence the guarantee and the required Measurement & Verification (M&V) – **01/01/2028**



QUESTIONS / DISCUSSION

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**THANK
YOU**

Honeywell